

## Message

**From:** Maurice, Charles [maurice.charles@epa.gov]  
**Sent:** 11/28/2017 4:41:42 PM  
**To:** McKernan, John [McKernan.John@epa.gov]; Acheson, Carolyn [Acheson.Carolyn@epa.gov]; Berkoff, Michael [berkoff.michael@epa.gov]; Bianchin, Sheri [bianchin.sheri@epa.gov]; Blake, Leslie [Blake.Leslie@epa.gov]; Bruce, Donald [bruce.donald@epa.gov]; Dodds, Jennifer [dodds.jennifer@epa.gov]; Evison, Leah [evison.leah@epa.gov]; Fayoumi, Nabil [fayoumi.nabil@epa.gov]; Fusinski, Keith [fusinski.keith@epa.gov]; Garl, Jerri-Anne [garl.jerri-anne@epa.gov]; Hardin, David (Erik) [hardin.erik@epa.gov]; Harris, Kimberly [harris.kimberly@epa.gov]; Lukey, Camille [lukey.camille@epa.gov]; MaGee, Julie [magee.julie@epa.gov]; Mangino, Mario [mangino.mario@epa.gov]; Martin, Linda [martin.lindab@epa.gov]; Meyer, Cynthia [Meyer.Cynthia@epa.gov]; Mills, Marc [mills.marc@epa.gov]; Mooney, Susan [mooney.susan@epa.gov]; Olsberg, Colleen [olsberg.colleen@epa.gov]; Podowski, Andrew [Podowski.Andrew@epa.gov]; Prendiville, Timothy [prendiville.timothy@epa.gov]; Quadri, Syed [quadri.syed@epa.gov]; Schupp, George [schupp.george@epa.gov]; Seely, David [seely.david@epa.gov]; Staniec, Carol [staniec.carol@epa.gov]; Suero, Maryann [suero.maryann@epa.gov]; Sundar, Bhooma [sundar.bhooma@epa.gov]; Tanaka, Joan [Tanaka.Joan@epa.gov]; Thompson, Owen [thompson.owen@epa.gov]; Twickler, Donna [twickler.donna@epa.gov]; Valentin, Pablo [valentin.pablo@epa.gov]; Wegrzyn, John [Wegrzyn.John@epa.gov]; Zintek, Lawrence [zintek.lawrence@epa.gov]  
**Subject:** FW: PFAS News - Michigan (Region 5) and Guam (Region 9)

FYI.

Chuck

Charles G. Maurice, Ph.D.  
 Superfund & Technology Liaison to EPA Reg 5  
 Regional Science Program  
 Office of Research & Development

Mail:  
 U.S. EPA Region 5  
 Superfund Division (SR-6J)  
 77 W. Jackson Blvd.  
 Chicago, IL 60604

---

**From:** Wishnuff, Aaron  
**Sent:** Monday, November 27, 2017 2:44 PM  
**To:** Flowers, Lynn <Flowers.Lynn@epa.gov>; ORD-OSP-STL <ORDOSPSTL@epa.gov>; ORD-OSP-RSL <ORDOSPRSL@epa.gov>  
**Cc:** LaVay, Maggie <LaVay.Maggie@epa.gov>; Bachman, Brenda <bachman.brenda@epa.gov>; Harris, Kimberly <harris.kimberly@epa.gov>; Anderson-Carnahan, Linda <Anderson-Carnahan.Linda@epa.gov>; Feddersen-Lethe, Karin <feddersen-lethe.karin@epa.gov>  
**Subject:** PFAS News - Michigan (Region 5) and Guam (Region 9)

Lynn, Others interested in PFAS,

PFAS news items the past week are below. Of note, the EENews article from today links to a November 24 New York Times article on the Michigan Wolverine PFAS issue.

### In shades of Flint, another crisis hits Mich.

Published: Monday, November 27, 2017 <https://www.eenews.net/greenwire/2017/11/27/stories/1060067327>

Residents are panicking in western Michigan as a series of revelations have raised water quality concerns in recent months.

Just this month, the Rogue River tested high in contaminants, leading Gov. Rick Snyder (R) to create a team to address the issue. Health officials talked of a possible cancer cluster in the area.

The concern stems from a decades-old sludge dump by the shoemaker Wolverine Worldwide. The company and the state government for years mostly failed to address the issue, even as researchers documented health risks from the sludge, which came from the company's tannery.

Residents see parallels with the Flint crisis, when state agencies fumbled the initial response to lead-tainted water, assuring residents that poisoned water was safe to drink. Many of these same government branches are now involved in the Wolverine investigation.

At least 76 dumping sites have been identified so far. "We've asked the company — they apparently don't have too much, either, in way of historical files," said Kathleen Shirey, who is leading the Michigan Department of Environmental Quality's response. "So what we're primarily relying on is citizen memory and reports" (Mitch Smith, *New York Times*, Nov. 24).

### Why a 'safe' PFAS level in drinking water is so ambiguous

MLive.com-7 hours ago

The home is near Wolverine World Wide's old tannery sludge landfill, which has contaminated the Plainfield Township groundwater with PFAS.

### Health leaders: PFAS advisory level is lower than actual danger levels

WZZM-16 hours ago

The Environmental Protection Agency's PFAS advisory level is actually lower than what scientists believe is dangerous to drink, state health officials say.

### Residents angry as Wolverine appears to downplay PFAS impact

WOODTV.com-Nov 24, 2017

### Groups want Guam in health study on PFAS

Pacific Daily News-Nov 23, 2017

The Northern Guam Soil and Water Conservation District and a local activist group want Guam to be included in a \$7 million study on the effects of PFAS on human health. ... The northern conservation district and Guåhan Coalition for Peace and Justice in a joint statement requested that Guam Del. Madeleine Bordallo work to ensure that Guam is included in the [5 year military-funded] study, primarily because of reports of high levels of a type of PFAS in some of Guam's water wells as recently as last year....

Perfluorooctane sulfonate, a type of PFAS, was found in levels higher than the U.S. EPA's lifetime health advisory of 70 parts per trillion, in three Guam Waterworks Authority water wells last year, which prompted their closures.

Despite the high levels, one as high as 410 parts per trillion, water agency officials have maintained that Guam's water is safe to drink....

The former Naval Air Station in Tiyan is listed by the Agency for Toxic Substances and Disease Registry as a site with high levels of the contaminant.

I will be out-of-the-office in training the rest of the week.

Aaron Wishnuff

Biologist

Office of Science Policy

Office of Research and Development

US Environmental Protection Agency

Ph. 202-564-2055

[Wishnuff.Aaron@EPA.gov](mailto:Wishnuff.Aaron@EPA.gov)